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Reaction of trichloroacetyl isocyanate with some ketones and β-diketones

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Abstract

1. Trichloroacetyl isocyanate reacts with cyclopentanone and cyclohexanone to give N-trichloroacetyl-2-carbamidocycloalken-1-y1-1-N′-trichloroacetylurethans. 2. Acetylacetone, dibenzoylmethane, and ethyl β-cyclopentanonecarboxylate react with trichloroacetyl isocyanate in a 1:1 ratio to give O,N-substituted derivatives of carbamic acid. © 1978 Plenum Publishing Corporation.

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